



# The IKS RESTful Semantic Engine:

## Let's get started!



Bertrand Delacretaz, Day Software  
IKS workshop, Rome November 12th



See also dev.day.com blog post at  
<http://x42.ch/01.20.01>

IKS – Interactive Knowledge Stack for Semantic Content Management Systems



IKS is co-funded by the European Union and develops new technology for intelligent content management



# IKS engine for existing CMSes



# IKS semantic engine - complex?

IKS semantic engine



Complexity?

Existing  
CMS

RESTful  
interface

infrastructure

# Basic CMS extension use cases



**Semantic lifting**

**KISS**

**Classification and auto-tagging**

**Query building assistance**

**Similarities, correlation**

# RESTful interface - simple?

IKS semantic engine



Register content item  
Get/update semantic view  
Execute query

RESTful  
interface

Existing  
CMS

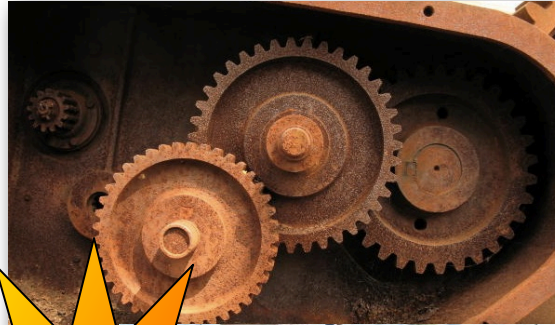
infrastructure

# The IKS Engine Framework

Implemented:  
RESTful interface  
Engine Framework  
Dummy Plugins

Later:  
Semantic Plugins  
Rocket Science ;-)

IKS semantic engine



Semantic  
Plugins  
API

Register content item  
Get/update semantic view  
Execute query



RESTful  
interface

Existing  
CMS














infrastructure

← industrial partners

researchers →



# The IKS Consortium

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